1632

RAW SEQUENCE LISTING   DATE: 01/24/2002
PATENT APPLICATION: US/09/242,202B   TIME: 10:10:09

Input Set : A:\20264236.app
Output Set: N:\CRF3\01242002\I242202B.raw

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING
10 (1) GENERAL INFORMATION:
12   (i) APPLICANT: Nelson, Edward L.
13   Nelson, Peter J.
15   (ii) TITLE OF INVENTION: NOVEL VECTOR FOR
16   POLYNUCLEOTIDE VACCINES
18   (iii) NUMBER OF SEQUENCES: 29
20   (iv) CORRESPONDENCE ADDRESS:
21   (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
22   (B) STREET: 345 PARK AVENUE
23   (C) CITY: NEW YORK
24   (D) STATE: NEW YORK
25   (E) COUNTRY: USA
26   (F) ZIP: 10154
28   (v) COMPUTER READABLE FORM:
29   (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
30   (B) COMPUTER: IBM PC COMPATIBLE
31   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
32   (D) SOFTWARE: MS WORD 97
35   (vi) CURRENT APPLICATION DATA:
C--> 36   (A) APPLICATION NUMBER: US/09/242,202B
C--> 37   (B) FILING DATE: 01-Nov-1999
39   (vii) PRIOR APPLICATION DATA:
40   (A) APPLICATION NUMBER: US60/023931
41   (B) FILING DATE: 14-AUG-1996
43   (viii) ATTORNEY/AGENT INFORMATION:
44   (A) NAME: KATHRYN M. BROWN
45   (B) REGISTRATION NUMBER: 34556
46   (C) REFERENCE/DOCKET NUMBER: 2026-4236US1
48   (ix) TELECOMMUNICATION INFORMATION:
49   (A) TELEPHONE: (212) 758-4800
50   (B) TELEFAX: (212) 751-6849
51   (C) TELEX: 421792

ERRORED SEQUENCES

688 (2) INFORMATION FOR SEQ ID NO: 20:
690   (i) SEQUENCE CHARACTERISTICS:
691   (A) LENGTH: 287 amino acids
692   (B) TYPE: amino acid
693   (D) TOPOLOGY: unknown
695   (ii) MOLECULE TYPE: protein

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C--> 697      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
     700 Pro Ala Pro Gly Ala Gly Gly Met Val His His Arg
     701   1               5                  10
     702 His Arg Ser Ser Ser Thr Arg Ser Gly Gly Gly Asp
     703          15                  20
     704 Leu Thr Leu Gly Leu Glu Pro Ser Glu Glu Glu Ala
     705   25                  30                  35
     706 Pro Arg Ser Pro Leu Ala Pro Ser Glu Gly Ala Gly
     707              40                  45
     708 Ser Asp Val Phe Asp Gly Asp Leu Gly Met Gly Ala
     709          50                  55                  60
     710 Ala Lys Gly Leu Ser Leu Pro Thr His Asp Pro Ser
     711                  65                  70
     712 Pro Leu Gln Arg Tyr Ser Glu Asp Pro Thr Val Pro
     713              75                  80
     714 Leu Pro Ser Glu Thr Asp Gly Tyr Val Ala Pro Leu
     715   85                  90                  95
     717 Thr Cys Ser Pro Gln Pro Glu Tyr Val Asn Gln Pro
     718              100                 105
     719 Asp Val Arg Pro Pro Pro Ser Pro Arg Glu Gly Pro
     720      110                 115                 120
     727 Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu
     728              125                 130
     729 Arg Pro Lys Thr Leu Ser Pro Gly Lys Asn Gly Val
     730          135                 140
     737 Val Lys Asp Val Phe Ala Phe Gly Gly Ala Val Glu
     738 145                 150                 155
     739 Asn Pro Glu Tyr Leu Thr Pro Gln Gly Thr Cys Ser
     740              160                 165
     741 Pro Gln Pro Glu Tyr Val Asn Gln Pro Asp Val Arg
     742      170                 175                 180
     743 Pro Gln Pro Pro Ser Pro Arg Glu Gly Pro Leu Pro
     744              185                 190
     745 Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu Arg Pro
     746          195                 200
     747 Lys Leu Ser Pro Gly Lys Asn Gly Val Val Lys Asp
     748 205                 210                 215
     749 Val Phe Ala Phe Gly Gly Ala Val Glu Asn Pro Glu
     750              220                 225
     751 Tyr Leu Thr Pro Gln Gly Gly Ala Ala Pro Gln Pro
     752      230                 235                 240
     753 His Pro Pro Pro Ala Phe Ser Pro Ala Phe Asp Asn
     754              245                 250
     755 Leu Tyr Tyr Trp Asp Asp Pro Pro Glu Arg Gly Ala
     756          255                 260
     757 Pro Pro Ser Thr Phe Lys Gly Thr Pro Thr Ala Glu
E--> 758 260S                 270                 275
     759 Asn Pro Glu Tyr Leu Gly Leu Asp Val Pro Val
     760              280                 285
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/242,202B**

DATE: 01/24/2002
TIME: 10:10:10

Input Set : **A:\20264236.app**
Output Set: **N:\CRF3\01242002\I242202B.raw**

```
L:36 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:79 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:110 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:151 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:176 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:207 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:227 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:246 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:273 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:293 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:313 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:349 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:374 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:413 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:433 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:453 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:488 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:554 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:596 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:670 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:697 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:758 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
L:772 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:801 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:885 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:879 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:905 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:899 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:935 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:997 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1032 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1101 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:1179 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
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